

{EPITECH}

KICK-OFF

Popeye T-DOP-501

Tricky situations

Working on a project using old versions of React and PHP

Developing on MacOS, but deploying on a Linux server

Needing different Python versions on the same server

Deploying your app faster than ever on a server



Containers for logistics_

Standardized boxes, designed and built for intermodal freight transport.

Can be used across different modes of transport, from ship to rail to truck, without [un|re]loading them.

Management is standardized for all, regardless of its content!



Containers for DevOps.

Standardized boxes, designed and built for application portability.

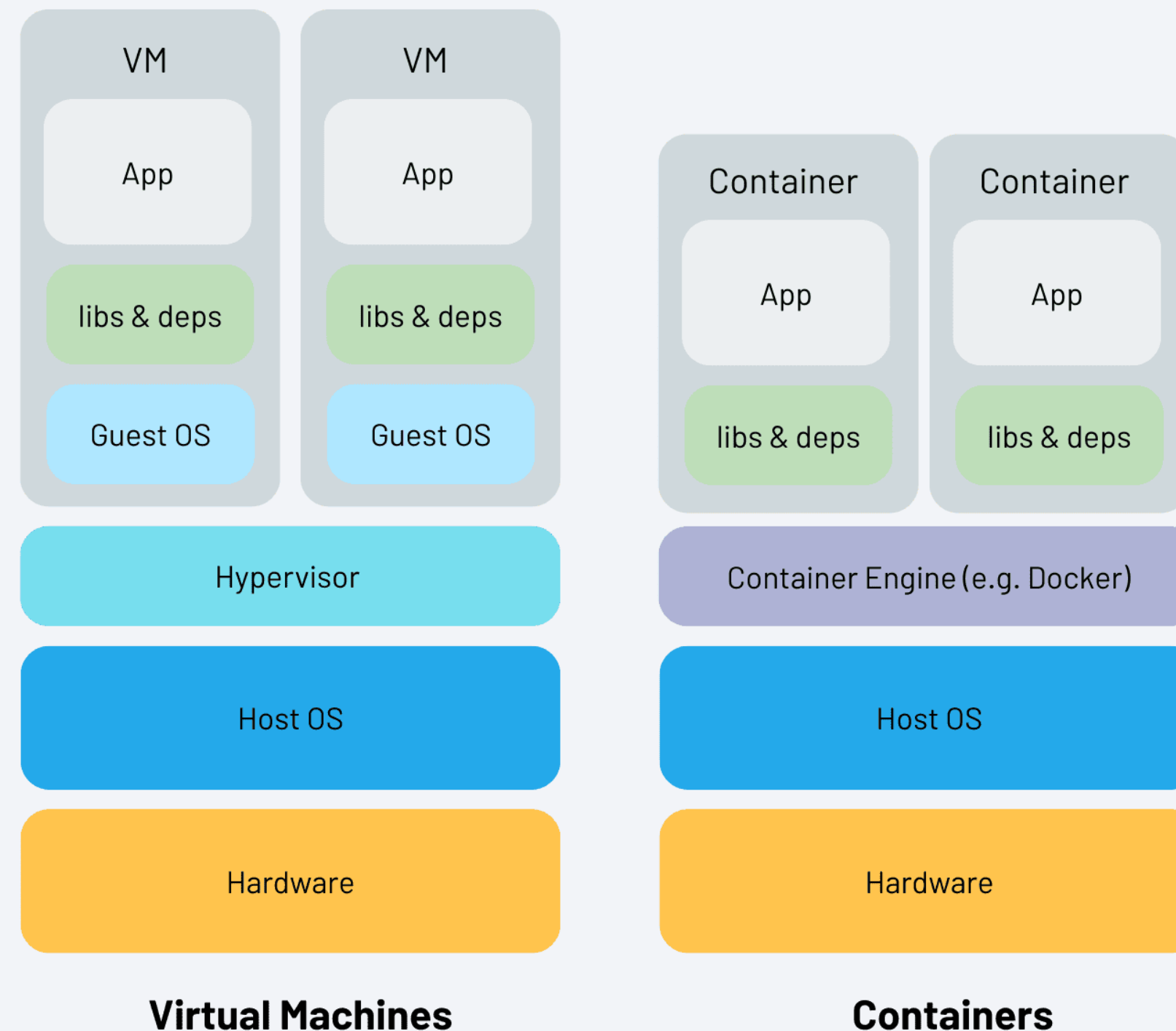
Can be used across different OS, from Linux to Windows to Mac, without modifying them.

Management is standardized for all, regardless of its content!



Containers for DevOps

Containers are isolated but share OS (and sometimes bins & libs).



The project_



You must deploy a project

5 services => you'll need to identify them first

The version of each service is not the latest

You need to find out which one is the correct one

You'll use Docker in other projects => **So work hard!**

Best practices_



Follow the KISS principle

Use official images as base

One app per container

NEVER commit sensitive data
(such as .env/passwords)

QUESTIONS?